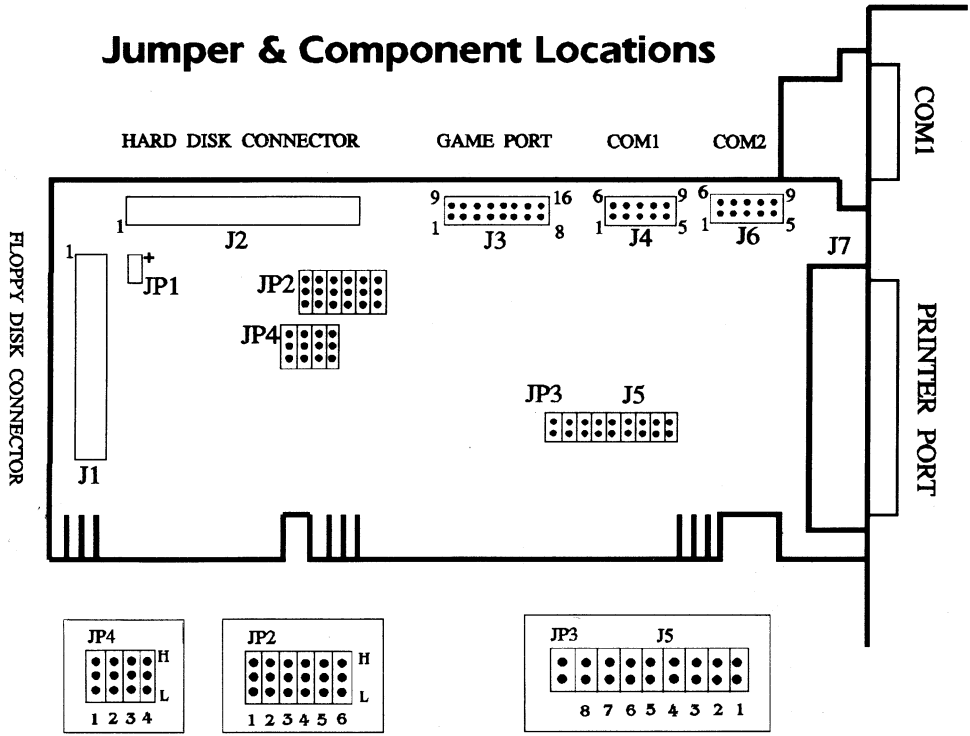
Super IDE Controller card

MIO 1020

User Manual

DL-WIB200/V2.0


Jumper & Component Locations
HARD DISK CONNECTOR
GAME PORT
COM1
COM2
COM1
FLOPPY DISK CONNECTOR
PRINTER PORT
J1
J2
J3
J4
J5
J6
J7
JP1
JP2
JP3
JP4
1
9
16
8
6
5
JP4
H
L
1 2 3 4
JP2
H
L
1 2 3 4 5 6
JP3
J5
8 7 6 5 4 3 2 1

JUMPER DESCRIPTION:

JP1 : HDD LED CONNECTOR

JP2 : (1-2) SERIAL PORT 1
COM4 (2E8H) 1=L 2=L #COM1 (3F8H) 1=L 2=H
COM3 (3E8H) 1=H 2=L DISABLE 1=H 2=H
(3-4) SERIAL PROT 2
COM3 (3E8H) 3=L 4=L #COM2 (2F8H) 3=L 4=H
COM4 (2E8H) 3=H 4=L DISABLE 3=H 4=H
(5-6) PRINTER PORT
LPT3 (3BCH) 5=L 6=L LPT2 (278H) 5=L 6=H
#LPT1 (378H) 5=H 6=L DISABLE 5=H 6=H

JP3 : PRINTER PORT FUNCTION
#OUTPUT CLOSE INPUT OPEN

JP4 : (1-2) HARD DISK SELECTION
#3F6-3F7, 1F0-1F7 1=H 376-377, 170-177 1=L
#ENABLE 2=L DISABLE 2=H
(3-4) FLOPPY DISK SELECTION
#3F0-3F7 3=H 370-377 3=L
#ENABLE 4=L DISABLE 4=H

J5 : (1-3) SERIAL PORT 1
#IRQ 4 1=CLOSE OTHER=OPEN
IRQ 3 2=CLOSE OTHER=OPEN
IRQ 5 3=CLOSE OTHER=OPEN
(4-6) SERIAL PORT 2
#IRQ 3 4=CLOSE OTHER=OPEN
IRQ 4 5=CLOSE OTHER=OPEN
IRQ 5 6=CLOSE OTHER=OPEN
(7-8) PRINTER PORT
#IRQ 7 7=CLOSE 8=OPEN
IRQ 5 8=CLOSE 7=OPEN

 # FACTORY PRESET PIN

Super IDE Controller Card

<<Model: MIO 1020>>

FEATURES

- ★ Support 2 IDE type Hard Disk.
- ★ Support 2 Floppy Disk Drive (1.44M, 1.2M, 720K, 360K).
- ★ Fully programmable serial-interface characteristics:
  - 5-, 6-, 7- or 8-bit character
  - even, odd or no parity bit generation and detection
  - 1-, 1.5- or 2-stop-bit generation.
- ★ Programmable band rate generator allowing division of any input clock by 1 to (2^16 -1) and generating the internal 16X clock.
- ★ Compatible with IBM printer port.
- ★ Game port.